

### ABSTRACT OF THE DISCLOSURE

A scanning method that is able to reduce the scanning period. According to the width of the document to be scanned, a front pixel region, an effective pixel region for actually fetching the image of the document to be scanned, and a post pixel region are set for the optical sensing device. The induced charges belonging to the front pixel region and the induced charges belonging to the effective pixel region with respect to each one of the scanning lines are sequentially fetched out. The induced charges belonging to the post pixel region with respect to each one of the scanning lines are transferred to the front pixel region, so as to be added into the induced charges belonging to the front pixel region for the next scanning line with respect to the scanning lines. The induced charges belonging to the effective pixel region with respect to the each one of the scanning lines are processed into a piece of the image. And then, the pieces of the image are collected to form a full image with respect to the document to be scanned.